

FIG.1

FIG.2A

ELECTRONIC CERTIFICATE IDENTIFIER	OWNER INFORMATION OF ELECTRONIC CERTIFICATE
A99999999	aaaaa, aaaaaaaaa, aaaaaa
ASP99999999	bbbbbb, bbbbbbbbbb, bbbbbbb
B99999999	cccccc, ccccccccc, ccccccc
⋮	⋮

FIG.2B

ELECTRONIC CERTIFICATE IDENTIFIER	PRIVATE KEY INFORMATION
A99999999	0101010101...

FOLDER TRN1	
TRADE DOCUMENT NAME	HASH VALUE
INVOICE	4444444444...
PACKING LIST	3333333333...
⋮	⋮

FIG.3

FIG.4A

401	FOLDER TRN1	
402	TRADE DOCUMENT NAME	403 ATTRIBUTE AND CONTENTS OF TRADE DOCUMENT
	INVOICE	xxxx, xxxxxxxxx, xxxxxxxxx, xxx, xxxxx, x, xx
	PACKING LIST	yyyy, yyyyyyyy, yyyyyyyy, yy, yyyyy, y, yy
	⋮	⋮

FIG.4B

401	FOLDER TRN1	
402	TRADE DOCUMENT NAME	406 DIGITAL SIGNATURE
	INVOICE	9999999999...
	PACKING LIST	8888888888...
	⋮	⋮

FIG.4C

401	FOLDER TRN1	
402	TRADE DOCUMENT NAME	409 HASH VALUE
	INVOICE	4444444444...
	PACKING LIST	3333333333...
	⋮	⋮

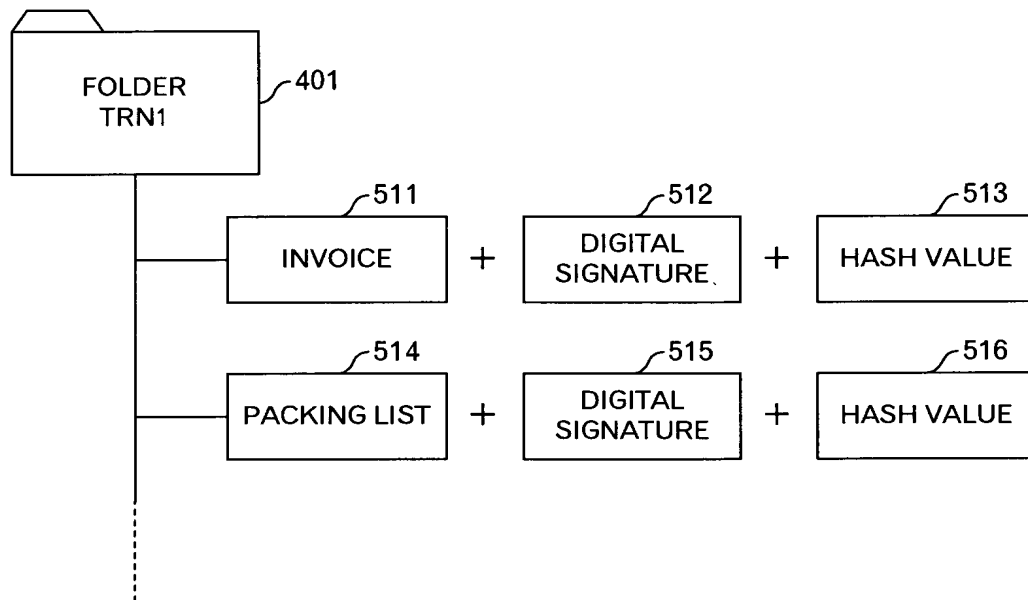


FIG.5

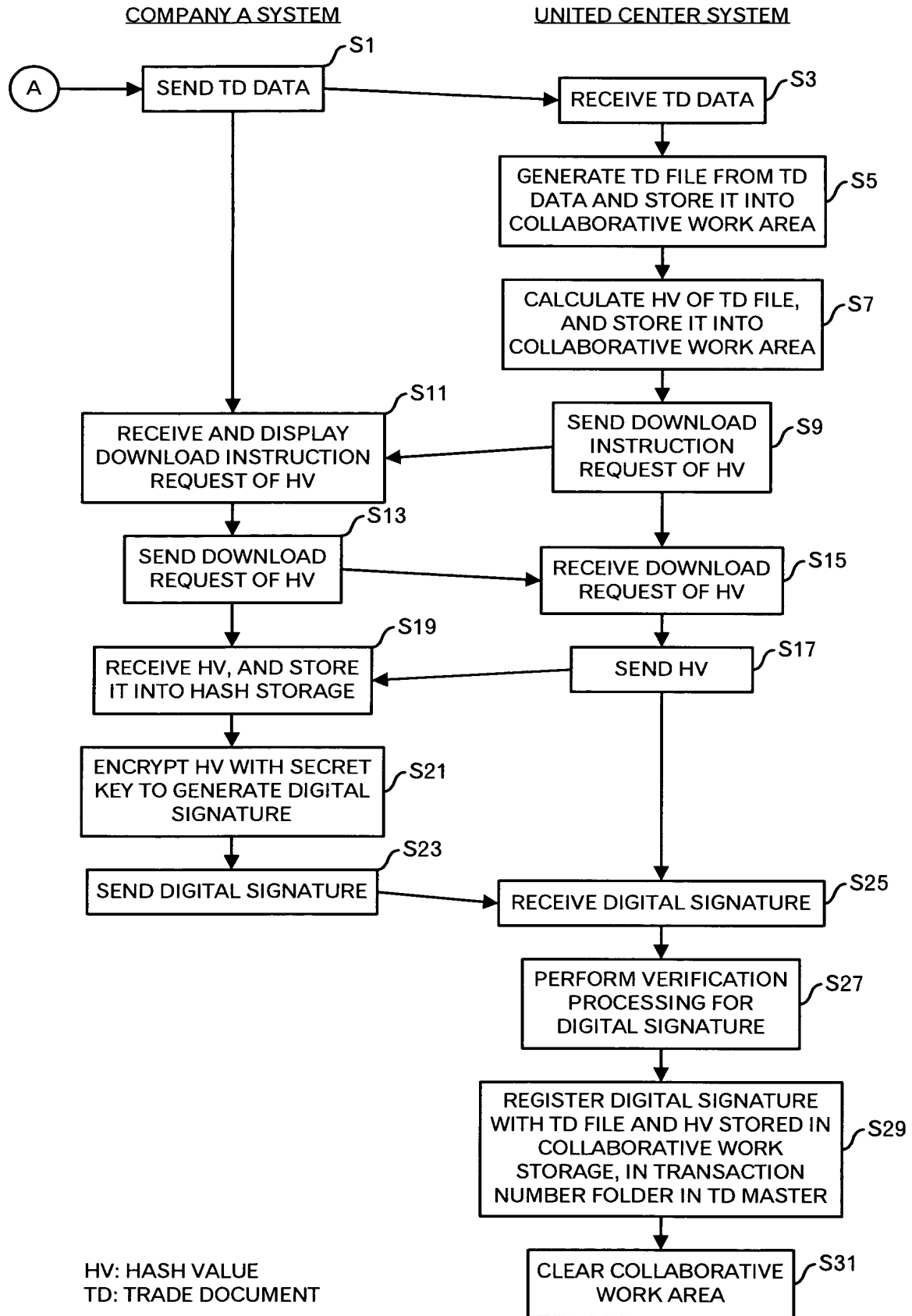


FIG.6

FOLDER TRN1	
TRADE DOCUMENT NAME	DIGITAL SIGNATURE
INVOICE	9999999999...
PACKING LIST	8888888888...
⋮	⋮

FIG.7

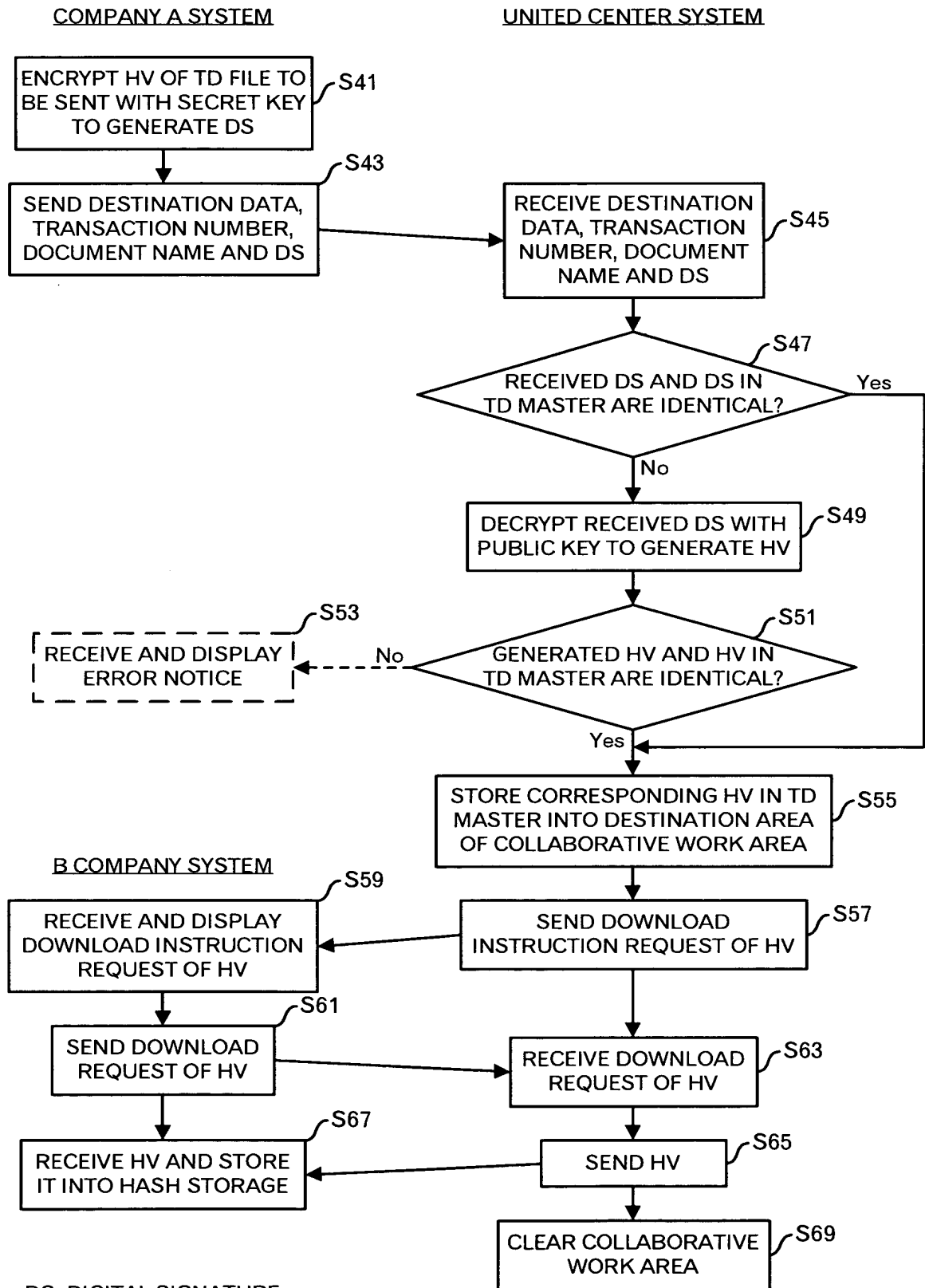


FIG.8

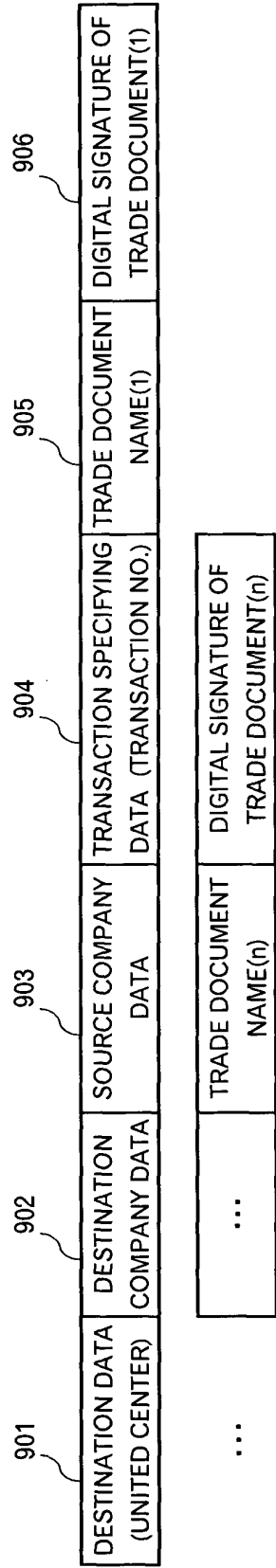


FIG.9

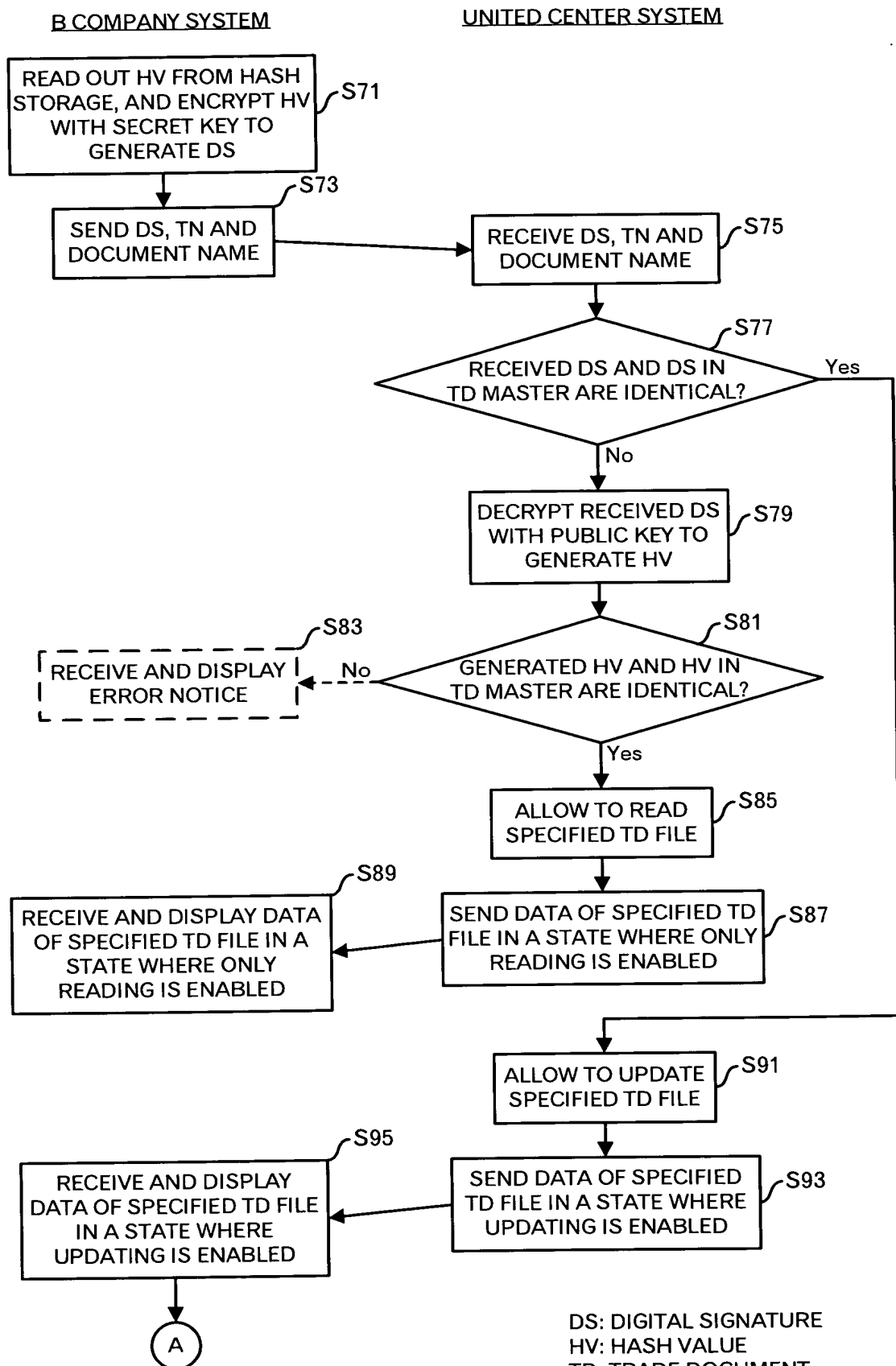


FIG.10

DS: DIGITAL SIGNATURE
 HV: HASH VALUE
 TD: TRADE DOCUMENT
 TN: TRANSACTION NUMBER

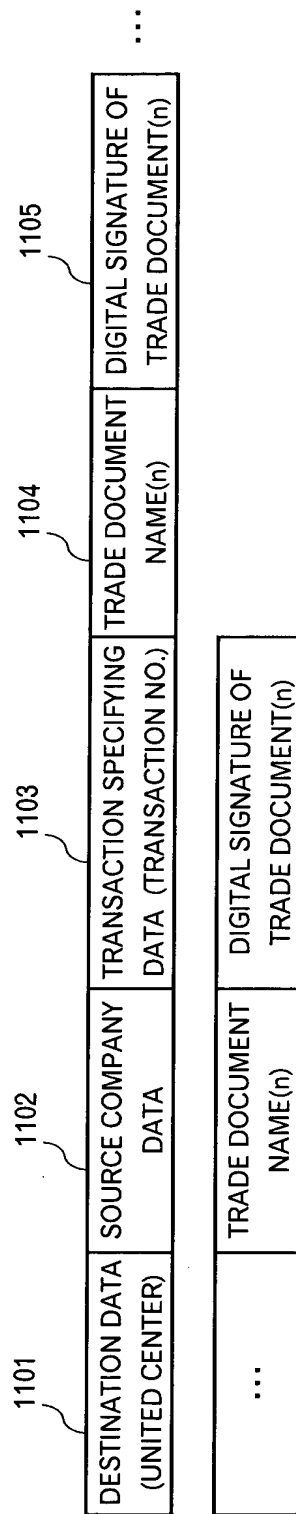


FIG.11